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16. A method for processing a pilot reference, comprising:
 receiving a plurality of pilot references transmitted from a
 plurality of access points, the pilot references from each
 access point being transmitted in pilot bursts that are
 synchronized with a common time reference used by
 each of the plurality of access points and transmitted at
 a same predetermined time interval during which all of
 the access points transmit a pilot burst such that at least
 respective portions of the pilot bursts overlap in time;
 determining link conditions based on the pilot references;
 determining an access point having a highest signal quality
 based on the link conditions; and
 determining a highest supported data rate for the access
 point having the highest signal quality.
17. The method for processing a pilot reference according
 to claim 16, further comprising:
 determining an access point having a best signal quality
 based at least on the received pilot reference.
18. The method for processing a pilot reference according
 to claim 16, further comprising:

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- correlating received samples with a pilot data pattern for
 the pilot reference being recovered.
19. The method for processing a pilot reference according
 to claim 17, further comprising:
 determining a highest data rate supported by the access
 point.
20. The method for processing a pilot reference according
 to claim 18, further comprising:
 despreading the samples with a same PN sequence at a
 same time offset.
21. The method for processing a pilot reference according
 to claim 20, further comprising:
 decoupling samples with a same orthogonal code used for
 the pilot reference at a selected access point.
22. The method for processing a pilot reference according
 to claim 21, wherein the pilot bursts are aligned in time at the
 time of transmission.

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